Index of Claims

| Applica | tion/C | ontrol | No. |
|---------|--------|--------|-----|
|---------|--------|--------|-----|

10/650,035

Examiner

Ling-Siu Choi

Applicant(s)/Patent under Reexamination

ISEKI ET AL.

Art Unit

1713

| | √ | Rejected |
|---|----------|----------|
| l | = | Allowed |

| 1 | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| 1 | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| Claim | | | <u> </u> | | | | | | | | _ | | | | | | | | | | _ | | | | | | | | | |
|--|-----------------|----------|----------|---|---|----------|---|----------|-------------------------------------|----------|--------|---------------|----------|---------|---------------|--|----------|-----------------------|--------------|---------|--------|-----------------|----------|---|--------------|---|---------------|--------------------|---|--------------|
| \$ 101 | Cla | aim | <u> </u> | | _ | | Dat | e | | | 4 | Cli | aim | | | | Dat | <u>e_</u> | | | _ | CI: | aim | <u> </u> | | | _ | ate | | _ |
| \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | Final | Original | 6/15/06 | | | | | | | | | Final | Original | | | | | | | | | Final | Original | | | | | | | |
| \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | | 1 | 1 | | | T | T | t | İ | | _ | - | 51 | \neg | \dashv | + | \vdash | | | | 7 | | 101 | | \dashv | _ | | 寸 | 7 | 7 |
| \$ 53 | | 2 | Ì | | | ┢ | Т | T | | | | | 52 | \neg | $\neg \vdash$ | 1 | T | T | | T | \neg | | | | 寸 | 寸 | | 7 | 7 | 7 |
| \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | | 3 | | | | | T | T | | | | | | | | 1 | Τ | | | | | | | | 寸 | \neg | \neg | \neg | | ヿ |
| \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | | 4 | | Г | Г | | Т | | | \Box | 7 | | 54 | \neg | | 1 | Τ | Г | | | 7 | | | | \top | 7 | | | | 十 |
| \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | | \$ | П | | | | T | | | | | | 55 | | | | | | | | | | | | \neg | 寸 | | | | T |
| \$ 1 9 58 108 109 5 10 60 110 109 110 2 11 61 111 112 111 6 12 62 1112 113 113 7 14 64 114 114 114 4 15 65 115 115 115 8 16 66 67 117 118 19 68 118 118 118 19 69 119 120 120 21 71 120 121 121 122 122 23 73 133 123 24 124 124 124 124 124 124 124 124 124 124 125 125 125 126 127 77 77 127 77 127 127 127 127 127 127 127 128 128 128 128 128 | | 6 | П | | | П | П | | | | 7 | | | | | \top | | | | | \neg | | | | T | 一 | 一 | \neg | | T |
| \$ 1 9 58 108 109 5 10 60 110 109 110 2 11 61 111 112 111 6 12 62 1112 113 113 7 14 64 114 114 114 4 15 65 115 115 115 8 16 66 67 117 118 19 68 118 118 118 19 69 119 120 120 21 71 120 121 121 122 122 23 73 133 123 24 124 124 124 124 124 124 124 124 124 124 125 125 125 126 127 77 77 127 77 127 127 127 127 127 127 127 128 128 128 128 128 | | 1 | Г | Г | | | \top | Γ | Т | П | | | | | | | 1 | | | | | | | \Box | 寸 | | | \neg | | T |
| 5 10 60 110 111 11 111 111 111 111 111 111 111 111 111 111 111 11 111 111 111 | | 8 | | | | | Ī | | Ī | П | | | 58 | | T | 1 | | | | \neg | | | | | T | | 一 | \neg | | T |
| 2 11 6 12 661 62 111 112 113 113 113 113 113 113 113 113 113 113 113 113 113 114 114 114 114 114 114 114 114 114 114 114 114 115 115 116 117 116 66 1116 117 116 67 117 116 68 1118 119 120 120 121 121 121 121 122 123 123 123 123 123 122 122 123 123 123 123 123 124 125 125 125 125 125 126 127 127 127 127 1 | 1 | 9 | | | | | | | | | | | | | | | | | | | | | 109 | | | | | " | | T |
| 2 11 6 12 66 111 112 111 112 112 113 114 | 5 | 10 | | Г | | | | | | П | | | 60 | | | \top | | | | T | | | 110 | П | \top | | \neg | | \neg | Т |
| 3 13 113 114 14 15 66 115 66 115 116 116 115 116 115 116 116 117 118 66 66 117 118 68 119 119 120 119 120 120 120 121 121 121 121 121 122 23 122 122 122 122 122 122 122 122 122 122 122 123 124 124 124 124 124 124 124 124 124 125 125 125 125 125 125 125 125 126 127 127 128 129 129 130 130 131 131 131 131 131 131 131 131 131 131 133 133 133 133 133 133 133 133 133 133 133 133 < | 2 | 11 | | | | | | | Γ | П | | | 61 | | | | Τ | | | Î | | | | П | \neg | T | ヿ | T | \neg | T |
| 7 14 4 15 66 115 115 115 116 115 116 117 118 66 66 1116 117 118 68 118 119 119 119 120 119 120 121 121 121 121 121 121 121 122 122 122 122 123 124 124 124 124 124 124 124 124 125 125 126 127 127 128 128 129 129 130 131 131 131 131 132 133 134 132 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 134 134 135 135 135 135 136 137 137 138 139 139 139 139 139 139 139 140 141 141 141 142 143 144 | 6 | 12 | | | | | | | | П | 7 | | 62 | | | | | | | T | | , | 112 | | \neg | \neg | | 7 | \neg | T |
| 7 14 4 15 66 116 115 116 115 116 117 18 66 116 117 118 68 111 117 118 119 69 1119 120 121 121 122 122 122 122 122 122 122 122 122 122 123 124 124 124 124 124 124 124 124 124 125 125 125 125 125 125 126 127 127 128 128 128 129 129 130 130 130 130 130 130 130 130 130 130 130 133 | 3 | | | | | Г | | | | | 7 | | 63 | | | | | | \Box | | | | | \Box | 十 | 丁 | | \neg | \neg | T |
| 4 15 8 16 66 116 116 117 18 19 68 117 118 119 119 119 119 119 119 119 119 119 119 119 119 120 121 121 121 121 121 121 122 123 122 123 124 124 124 124 124 124 124 124 125 126 127 127 126 127 127 127 127 127 127 128 129 129 130 130 131 131 132 133 133 133 133 133 133 133 133 133 133 133 133 133 | | | | | | | | | | | | | 64 | \Box | | Π | | | | \Box | | | 114 | | | | | \Box | | I |
| 8 16 17 66 18 68 19 118 20 70 21 71 22 73 23 73 24 74 25 75 26 76 27 77 28 79 29 79 30 80 31 81 32 83 33 84 33 83 34 84 35 85 36 86 37 87 88 136 33 131 34 84 35 85 36 136 37 87 38 135 39 9 40 90 414 91 42 142 43 | | | | | | L | | | | | | | 65 | | | | | | | \Box | | | 115 | | I | | | | | T |
| 17 | 8 | | | | | | Ĺ | | | | | | | | | | | | | | | | 116 | | | \Box | | | | |
| 19 | | 17 | | | | П | | Γ | | | \neg | | 67 | | | Т | | | | T | | | | | \neg | T | | | | T |
| 20 120 120 121 121 121 122 122 122 123 123 123 123 123 123 123 123 124 124 125 126 126 126 126 127 127 127 127 128 128 128 129 129 130 130 130 130 131 131 131 131 131 131 131 131 133 | | 18 | | | | | | - | | П | 7 | | 68 | | | 1 | Π | | | \neg | | | 118 | | ╗ | \neg | \neg | | | T |
| 21 22 72 121 122 123 123 123 123 123 123 123 124 124 124 124 124 125 126 126 126 126 126 127 127 127 127 127 128 129 129 130 | | | | | | | | | | | | | 69 | T | | | | | | \neg | | | 119 | | \neg | \neg | \neg | T | | T |
| 22 33 72 73 122 123 124 124 124 124 125 125 126 125 126 126 126 126 127 128 128 128 127 128 129 129 129 130 130 130 130 131 131 131 131 131 132 132 132 132 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 134 134 135 135 135 135 135 135 136 136 137 137 138 138 138 138 138 139 140 141 141 141 142 142 142 142 142 142 142 143 144 144 144 144 144 144 144 144 144 145 146 146 | | 20 | | | | | | | | | | | | | | | Γ | | | \Box | | | | | | | | | | T |
| 23 73 123 124 124 124 124 124 125 125 125 126 125 126 127 128 127 128 127 128 129 129 129 129 130 130 130 130 131 131 131 131 132 132 132 132 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 135 135 136 135 136 137 137 137 138 138 138 138 139 139 140 141 141 141 141 141 141 141 141 142 142 143 144 142 143 144 144 145 145 145 145 146 146 147 148 149 149 149 149 149 149 149 | | | | | | | | | | | | | 71 | | | | | | | | | | | | | | | | | П |
| 24 124 124 124 125 125 126 125 126 126 126 126 126 127 127 127 127 127 128 128 129 129 129 130 130 130 130 130 130 130 130 130 130 131 131 131 132 133 133 133 133 133 133 133 133 133 133 133 134 134 135 135 135 135 135 135 135 135 135 135 135 137 137 137 137 137 137 138 138 138 139 139 140 141 141 141 141 141 141 142 142 142 142 143 144 144 144 145 146 147 146 147 148 148 148 148 148 | | | | | | | | L | | | | | | | | | | | | | | | | | | \Box | | | | T |
| 25 36 125 126 126 126 127 126 127 128 128 128 128 128 129 128 129 129 130 130 130 130 131 131 131 131 131 132 133 133 133 133 133 133 133 133 133 134 134 134 135 135 135 135 135 136 137 137 138 138 138 138 138 138 139 140 140 140 141 141 142 142 142 142 142 142 142 142 143 144 144 144 145 145 146 146 147 147 147 148 148 148 148 149 149 149 149 149 149 149 149 149 149 149 149 149 149 | | | | | | | L | | | | | | | | | | | | | | | | | | | | | | | Ţ |
| 26 76 126 127 27 77 78 128 127 29 79 129 130 130 130 31 80 130 131 131 132 132 132 133 133 133 133 133 134 134 134 134 135 135 136 136 136 137 136 137 136 137 137 138 138 138 139 140 140 141 141 141 141 141 142 142 142 142 142 143 144 144 144 144 144 144 144 144 144 144 145 146 146 147 147 148 148 148 148 149 | | | | | | | | | | | | | 74 | | | | | | | | | | | | | | | | | \exists |
| 27 38 127 128 129 129 129 129 129 129 130 130 130 130 131 131 131 131 131 131 131 132 132 132 132 133 133 133 133 133 134 134 134 134 134 134 135 135 135 135 135 135 136 137 137 137 137 138 138 138 139 140 141 141 141 141 141 141 141 142 142 143 144 144 144 144 144 144 145 145 145 146 146 147 148 148 148 148 148 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 | | | | | | | | | | | ╝ | | | | | | | | | | | | | | | | | | | T |
| 28 78 128 29 80 129 30 80 130 31 81 131 32 83 132 33 83 133 34 84 134 35 85 135 36 86 136 37 88 138 39 88 138 39 90 140 41 91 141 42 92 142 43 94 144 44 94 94 46 96 146 47 98 148 49 99 149 | | | | | | | | | | | | | | | | | | i | | | | | 126 | | | | | | | \Box |
| 29 79 30 130 31 81 32 83 33 132 33 133 34 84 35 85 36 86 37 88 39 88 40 90 41 91 42 92 43 94 44 94 45 96 46 97 48 98 98 148 49 149 | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | T |
| 30 | | | | | | | L | | | | | | | | | | | | | | | | | | | | | | | Τ |
| 31 81 32 33 34 83 35 85 36 86 37 87 38 88 39 88 40 90 41 91 42 92 43 94 44 95 46 96 47 97 48 98 49 99 146 147 48 99 49 99 | | | L | _ | _ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 82 33 132 34 134 35 85 36 86 37 88 39 88 40 90 41 91 42 92 43 94 44 94 45 96 47 98 48 99 149 | | | | | | L | | | | | | | | | | | | | | | _] | | 130 | | | | | | | |
| 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 149 | | | Ш | | | L | | | L | | | | | | | | | | | | | | | | | | | | | \Box |
| 34 35 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 99 134 134 135 136 137 137 138 139 140 141 91 141 142 142 93 143 144 144 95 145 146 147 98 148 149 149 | | | Ш | | | <u> </u> | <u> </u> | _ | <u> </u> | \Box | _ | | | | | $oldsymbol{\perp}$ | | $oxedsymbol{\square}$ | | \Box | | | | | $oxed{oxed}$ | | | $oxed{\mathbb{I}}$ | $oldsymbol{ol}}}}}}}}}}}}}} $ | $oxed{I}$ |
| 35 85 135 136 37 87 137 137 38 88 138 139 40 90 140 141 41 91 141 141 42 92 142 143 43 93 143 144 44 94 144 144 45 95 145 146 46 96 146 147 48 98 149 149 | L | | Ш | | | L | oxdot | L | _ | | _ | <u> </u> | | | | \perp | | Ш | \Box | \perp | | | | | $oxed{oxed}$ | $oxed{oxed}$ | \Box | \Box | \perp | $oxed{I}$ |
| 36 37 38 136 137 137 137 138 138 138 138 139 139 139 140 140 140 141 141 141 141 141 141 141 142 142 142 143 143 144 144 144 144 144 145 145 146 147 147 148 148 149 140 141 141 141 141 141 141< | | | Ш | | | | _ | L_ | | \Box | _ | | | | | | | Ш | [| \Box | _ | | | | | $oldsymbol{ol}}}}}}}}}}}}}}}$ | | \Box | | \perp |
| 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 149 | | | Ш | | | | | <u>L</u> | | \Box | _ | | | | | | | Ш | [| _[| _ | | | | \perp | 1 | | | | \bot |
| 38 88 138 39 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149 | | | Ш | Ш | | | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | \Box | _ | <u></u> | | | | | | Ш | | | _ | | | | | | | \perp | | |
| 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149 | \vdash | | Ш | | | | _ | _ | <u> </u> | \Box | _ | | | | | \perp | igspace | L] | | \perp | _ | | | | \perp | \Box | | \Box | | |
| 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | \sqcup | | ot | | | _ | <u> </u> | _ | L | \sqcup | _ | | | | _ _ | \perp | | | | \perp | _ | <u></u> | 138 | | | | | | | \bot |
| 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | 39 | \sqcup | | | | L | _ | L | \sqcup | _ | <u></u> | 89 | | | \perp | | Ш | _ | \perp | _ | | | | \perp | | | | | |
| 42 92 43 93 44 94 95 143 144 144 95 145 146 96 147 97 48 98 149 149 | \vdash | 40 | | | | | <u> </u> | | Щ | | _ | | | \perp | \perp | \perp | \sqcup | Ш | [| | | | | | $oxed{\bot}$ | $oldsymbol{\perp}$ | \Box | | | $oxed{\int}$ |
| 43 93 44 94 95 143 144 144 145 145 96 146 47 97 48 98 49 99 | \vdash | | | | | | \vdash | <u> </u> | | Щ | 4 | \perp | | _ | | 4 | Ш | Ш | _ | _ | _ | | | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ | ᆚ | \perp | ightharpoonup | \bot | \bot | \perp |
| 44 94 45 95 46 96 47 97 48 98 49 99 | | | | | | | L | <u> </u> | | \perp | 4 | L | | \perp | | ــــــــــــــــــــــــــــــــــــــ | Ш | Ш | | _ | 4 | | | | \perp | \perp | \Box | | | \perp |
| 45 95 46 96 47 97 48 98 49 99 | | 43 | | _ | | | <u> </u> | <u> </u> | _ | \dashv | 4 | | | \perp | | 1_ | \sqcup | Щ | \downarrow | \perp | _ | | | | \perp | \perp | \perp | | | \perp |
| 46 96 47 97 48 98 49 99 | | 44 | \Box | _ | _ | | L. | <u> </u> | <u> </u> | \dashv | 4 | | | 4 | | 1 | Ш | Ш | \bot | \perp | 4 | | | $oldsymbol{\perp}$ | \perp | \dashv | \perp | \perp | \perp | \perp |
| 47 97 48 98 49 99 | \vdash | | | _ | | | L | ļ | Щ | \dashv | 4 | <u></u> | | \bot | | \bot | Щ | \sqcup | \dashv | \perp | _ | \Box | | \perp | \perp | 4 | _ | \perp | | \perp |
| 48 | $\vdash \sqcup$ | | \Box | | | | Ш | | Щ | \perp | 4 | \perp | 96 | | _ | <u> </u> | Ш | \sqcup | \dashv | \perp | _ | | 146 | \perp | \perp | \perp | \perp | \bot | | \perp |
| 49 99 149 149 | $\vdash \bot$ | | | | | | oxdot | L_ | Ш | \perp | 4 | $\perp \perp$ | | | _ _ | ↓ | Ш | Ш | | \perp | _ | $\sqcup \sqcup$ | | | _ | \perp | \downarrow | \perp | \perp | \perp |
| | \sqcup | | | ļ | _ | | L_ | <u> </u> | Щ | \perp | 4 | \perp | 98 | \perp | _ | ╄ | Ш | Ш | | _ | _ | $oxed{oxed}$ | | \perp | \perp | \perp | \perp | \perp | \perp | \perp |
| | $\vdash \vdash$ | 49 | | | | | lacksquare | L | Щ | \bot | 4 | \perp | | | | ╄- | Ш | Ш | _ | _ | _ | | 149 | \perp | \perp | \bot | _ | \perp | \perp | \perp |
| | لــــا | 50 | \Box | | | | $ldsymbol{le}}}}}}}}}$ | | | \perp | ┙ | | 100 | 丄 | | | ليا | | [| | | | 150 | | | | \perp | | | \perp |

| Š | 21111 | \vdash | .— | | <u> </u> | | ≍ | , | | |
|-------|--|----------|----|----------|----------|----------|----------|-------------------------------------|--------|----------|
| Final | Original | | | | | | , | | : | |
| | 101 | | | | | | | | | |
| | 102 | | 1 | | | | | | | |
| | 101 102 103 | | | | | | Ī | | | |
| | 104 | | | \vdash | _ | | | | Г | |
| | 104 105 | | Γ | | | | | | | |
| | 106 | | | | | | | | | |
| | 107 | | Г | | | | Г | | | |
| | 107 108 | | | | | | | | | |
| | 109 110 | | | | | | | | | |
| | 110 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 112 | | | | | | | | | |
| | 113 | | | | | | | | | |
| | 114 | | | | | | | | | |
| | 112 113 114 115 116 | | | | | | | | | |
| | 116 | | | | | | | | | |
| | 117 | | | | | | | | | |
| | 118 | | | | | | | | L | |
| | 119 | | | | | | | | | |
| | 120 | | | | | | | | | |
| | 121 | | _ | | | L | <u> </u> | | | |
| | 122 | | | | | <u> </u> | L | | | Ш |
| | 123 | | i | | | | | | | Ш |
| | 118 119 120 121 122 123 124 125 | | | | | | | | | Ш |
| | 125 | | | | | | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | |
| | 126 | | | | | | | lacksquare | | |
| | 126 127 128 | | | | | _ | L. | ļ., | | _ |
| | 128 | | | | | | _ | _ | | |
| | 129 | _ | | | | _ | | _ | _ | |
| | 129 130 131 | | | | | | _ | <u> </u> | | Ш |
| | 131 | | | | | | | | | |
| | 132 133 | | | | | | | | | |
| | 133 | _ | | | | _ | | | | Н |
| | 134 135 | _ | | | | | | _ | | \dashv |
| | 136 | \dashv | | | _ | | | | | |
| | 127 | | | Ш | _ | - | _ | _ | | |
| | 137 138 | - | | - | | | | | | \dashv |
| | 139 | | | \dashv | _ | | - | \vdash | _ | \dashv |
| | 140 | | _ | | | | - | | | \dashv |
| | 141 | | | | | | | | | \dashv |
| | 142 | | | | - | | | | | \dashv |
| | 143 | | | | | | | | | |
| | 144 | | | | | | | | | |
| | 145 | | | | | | | | | |
| | 146 | | | | | | | | | |
|] | 147 | | | | | | | | | |
|] | 148 | \Box | | | | | | | | |
| | 149 | _ | | | | \Box | | | | Щ |
| | 150 | | | | | | | | \Box | لــــا |
| | | | | | | | | | | |